

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

16.-19. Cancelled

21.-43. Cancelled

71. (Cancelled)

100. (New) A method of monitoring a facility using a sensor, the method comprising:

generating a two-dimensional display corresponding to a map of the facility;

displaying a two-dimensional sensor icon on the two-dimensional display at a two-dimensional sensor icon location corresponding to an approximate location of the sensor;

generating a three-dimensional display corresponding to a spatially accurate model of the facility, said three-dimensional display having a three-dimensional eye-point from which a perspective of which the model is displayed;

displaying a three-dimensional sensor icon on the three-dimensional display corresponding to the approximate location of the sensor and corresponding to an approximate coverage area of the sensor;

changing the three-dimensional eye-point of the three-dimensional display from a first point away from the sensor to a second point for viewing a perspective of the sensor; and

displaying a video output on a video output device selected from a plurality of video inputs.

101. (New) A method as recited in claim 100 wherein changing the three-dimensional eye-point comprises changing the three-dimensional eye-point upon generation of an alarm state.

102. (New) A method as recited in claim 100 wherein changing the three-dimensional eye-point comprises changing the three-dimensional eye-point upon selection of the two-dimensional sensor icon or the three-dimensional sensor icon.

103. (New) A method as recited in claim 100 wherein changing the three-dimensional eye-point comprises changing the three-dimensional eye-point upon selection of a user-selected point on the screen.

104. (New) A method as recited in claim 103 wherein the user-selected point comprises a model feature.

105. (New) A method as recited in claim 103 wherein the user-selected point comprises a ground point in the three-dimensional display.

106. (New) A method as recited in claim 103 wherein the user-selected point comprises a ground point in the two-dimensional display.

107. (New) A method as recited in claim 100 wherein changing the three-dimensional eye-point comprises changing the three-dimensional eye-point so that the second point is in a middle of a view frustum.

108. (New) A method as recited in claim 107 further comprising orbiting the second point to obtain the three-dimensional eye-point.

109. (New) A method as recited in claim 100 wherein generating a three-dimensional display comprises generating a spatially accurate photo-realistic representation of the facility.

110. (New) A method as recited in claim 100 wherein the visual property of the three-dimensional icon in response to changing a status.

111. (New) A method as recited in claim 110 wherein the status corresponds to a physical status.

112. (New) A method as recited in claim 110 wherein the status corresponds to an alarm status.

113. (New) A method as recited in claim 110 wherein the visual property corresponds to texture, color, animation or any combination thereof.

114. (New) A method as recited in claim 100 wherein changing the three-dimensional eye-point comprises changing a view frustum.

115. (New) A method as recited in claim 100 wherein changing the three-dimensional eye-point comprises changing a view frustum along a straight line.

116. (New) A method as recited in claim 100 wherein changing the three-dimensional eye-point comprises changing a view frustum along a straight line at a predetermined acceleration, predetermined velocity and predetermined deceleration.

117. (New) A method as recited in claim 100 wherein changing the three-dimensional eye-point comprises changing a view frustum along a straight line at a predetermined video frame rate.

118. (New) A method as recited in claim 100 further comprising changing an appearance the two-dimensional sensor icon and the three-dimensional view in response to an alarm event.

119. (New) A method as recited in claim 100 further comprising animating the two-dimensional sensor icon and the three-dimensional view in response to an alarm event.

120. (New) A method as recited in claim 100 further comprising generating an audible signal corresponding to an alarm event.

121. (New) A method as recited in claim 100 further comprising in response to an alarm event storing video in a storage device to store video.

122. (New) A method as recited in claim 100 further comprising generating a human voice having a sensor identifier in response to an alarm event.

123. (New) A method as recited in claim 100 wherein the two-dimensional display, three-dimensional display and the video output are displayed simultaneously.

124. (New) A method as recited in claim 100 wherein the two-dimensional display, three-dimensional display and the video output are displayed simultaneously on separate displays.

125. (New) A system for monitoring a facility, the system comprising:
a sensor;
a first display monitor portion generating a two-dimensional display corresponding to a map of the facility, said two-dimensional display displaying a two-dimensional sensor icon at a two-dimensional sensor icon location corresponding to an approximate location of the sensor;
a second display monitor portion generating a three-dimensional display corresponding to a spatially accurate model of the facility, said three-dimensional display having a three-dimensional eye-point from which a perspective of which the model is displayed, said three-dimensional display displaying a three-dimensional

sensor icon corresponding to the approximate location and corresponding to an approximate coverage area;

a security monitoring computer in communication with the sensor, the first display monitor portion and the second display monitor portion, said security monitoring computer changing the three-dimensional eye-point of the three-dimensional display from a first point away from the sensor to a second point for viewing a perspective of the sensor; and

a video output device displaying a video output selected from a plurality of video inputs.

126. (New) A system as recited in claim 125 wherein the security monitor computer changes the three-dimensional eye-point upon generation of an alarm state from the sensor.

127. (New) A system as recited in claim 125 wherein the security monitor computer changes the three-dimensional eye-point upon selection of the two-dimensional sensor icon or the three-dimensional sensor icon using a pointing device.

128. (New) A system as recited in claim 127 wherein the pointing device comprises a touch screen.

129. (New) A system as recited in claim 127 wherein the pointing device comprises a mouse.

130. (New) A system as recited in claim 125 wherein the security monitoring computer changes the three-dimensional eye-point upon selection of the two-dimensional sensor icon or the three-dimensional sensor icon using a pointing device to select a user-selected point on the two-dimensional display or the three-dimensional display.

131. (New) A system as recited in claim 130 wherein the user-selected point comprises a model feature.

132. (New) A system as recited in claim 130 wherein the user-selected point comprises a ground point in the three-dimensional display.

133. (New) A system as recited in claim 130 wherein the user-selected point comprises a ground point in the two-dimensional display.

134. (New) A system as recited in claim 125 wherein the security monitoring computer changes the three-dimensional eye-point so that the second point is in a middle of a view frustum.

135. (New) A system as recited in claim 125 wherein the three-dimensional display comprises a spatially accurate photo-realistic representation of the facility.

136. (New) A system as recited in claim 125 wherein a visual property of the three-dimensional icon changes in response to changing a status.

137. (New) A system as recited in claim 136 wherein the status corresponds to a physical status.

138. (New) A system as recited in claim 136 wherein the status corresponds to an alarm status.

139. (New) A system as recited in claim 136 wherein the visual property corresponds to texture, color, animation or any combination thereof.

140. (New) A system as recited in claim 125 wherein security monitor computer changes the three-dimensional eye-point by changing a view frustum along a straight line in the three-dimensional display.

141. (New) A system as recited in claim 125 wherein security monitor computer changes the three-dimensional eye-point by changing a view frustum along a straight line in the three-dimensional display along a straight line at a predetermined acceleration, predetermined velocity and predetermined deceleration.

142. (New) A system as recited in claim 125 wherein the computer stores video causes video to be stored in a storage device in response to an alarm.

143. (New) A system as recited in claim 125 wherein the computer generates an audible signal corresponding to an alarm event.

144. (New) A system as recited in claim 125 wherein the audible signal comprises a human voice having a sensor identifier.

145. (New) A system as recited in claim 125 wherein the first display monitor portion, the second display monitor portion and the video output device are separate.

146. (New) A system as recited in claim 125 wherein the first display monitor portion, the second display monitor portion and the video output device are integrated.